

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 2, line 8 with the following new paragraph:

This application claims priority of provisional application Serial No. 60/394,700 filed July 9, 2002. This application is a continuation-in-part application of co-pending application 09/715,496 filed November 17, 2000 (now [[allowed]] U.S. Patent No. 6,727,197).

Please replace the paragraph beginning on page 2, line 13 with the following new paragraph:

The applicants' co-pending[[, now allowed,]] US Patent application Serial No. 09/715,496 (now U.S. Patent No. 6,727,197), included herein by this reference, discloses a flat textile ribbon including integrated transmission elements as a viable alternative to so-called broad loom wearable electronic fabrics.

Please replace the paragraph beginning on page 10, line 19 with the following new paragraph:

In accordance with one embodiment of the subject invention, knitted, woven, or braided textile ribbon 10, Fig. 1 includes integrated transmission elements running the length of the ribbon to transmit data and/or power along the length of the ribbon as delineated in co-pending [[(now allowed)]] patent application Serial No. 09/715,496 (now U.S. Patent No. 6,727,197) incorporated herein by this reference. Ribbon 10 is releasably connected to second ribbon 12 of a similar type or to another device (e.g., a processing unit, sensor unit, or the like) by integrated fastener/connector 14. Fastener 14 includes male portion 16 and female portion 18. In the example shown, male portion 16 is connected to one end of ribbon 10 and female portion 18 is connected to one end of ribbon 12 as shown. Male portion 16 includes deformable prongs 20

and 22 received in recesses 24 and 26 of female portion 18 providing a rugged physical “Fastex” type connection. Male (or female) connector portion 30, Figs. 2-4 is integrated with the fastener and connected to the integral transmission elements of ribbon 12. Corresponding female (or male) portion 32 of the connector is also integrated with the fastener and connected to the integral transmission elements of ribbon 10. In this example, the connector is a Lemo connector but may also be a USB connector or any other type of connector (e.g., firewire, coaxial, RGB, SMA, and the like). Preferably, overmolded portions 40 and 42 ruggedly connect the male 16 and female 18 fastener portions to ribbons 10 and 12, respectively, and provide strain relief.